

ABSTRACT OF THE DISCLOSURE

At the time of light passage control for light output by driving a light source by means of a light source driving circuit for generating an output fluctuation point on a time axis periodically, a modulation controller sets predetermined synchronizing periods and a plurality of unit periods with different time lengths at each of the synchronizing periods, and controls light passage using a light passage controller at each of the unit periods. The modulation controller selects a unit period, where the intensity error which occurs with the output fluctuation point being inserted is predicted not to be visually recognized with human's eyesight characteristics, from the unit periods, and controls arrangement of the unit periods so that the output fluctuation point is inserted into the selected unit period. As a result, flicker due to the error of modulated output light is hardly visually recognized by a viewer without reducing the intensity of modulated output light.